SYSTEMS AND METHODS FOR CREATING AND MAINTAINING A CENTRALIZED KEY STORE

ABSTRACT OF THE DISCLOSURE

A system, method, security gateway and computer program product are provided for creating and maintaining a centralized key store. The system includes a first security gateway and a second security gateway. The first security gateway is capable of applying

5   a security service associated with an application instance identifier to at least one packet of data to thereby transform the at least one packet of data. In this regard, the first security gateway can apply the security service to the packet based upon at least one security policy and at least one security association. The second security gateway, in turn, is capable of applying the security service associated with the application instance

10   identifier to the transformed packet of data to thereby generate a representation of the packet of data.